

REMARKS

Claims 53-108 are pending in the present application. The Examiner has made a species election requirement, restricting the claims into two groups of species, as follows:

- A. FEN-1 endonucleases and first structure-specific nucleases comprising a purified FEN-1 endonuclease; and
- B. second structure-specific nucleases.

Applicants are directed to elect one species from each group. To further business interests, Applicants elect in Group A *Archaeoglobus fulgidus* FEN-1 endonuclease comprising SEQ ID NO:179. Claims 53-64, 82-83, 85-97 and 106-108 are readable on the elected species. Claims 53, 82 and 90 are generic.

In Group B, second structure specific nucleases, Applicants elect *Thermus aquaticus* DNA polymerase. Claims 53-58, 60-75, 77-86, 88-108 are readable on the elected species. Claims 53, 65, 82 and 90 are generic.

Claim 76 is withdrawn as being drawn to neither elected species.

CONCLUSION

Should the Examiner believe that a telephone interview would aid in the prosecution of this application, Applicants encourages the Examiner to call the undersigned collect at (608) 662-1277.

Dated: April 1, 2011

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